









2011-2012
ANNUAL REPORT

### MESSAGE FROM THE SECRETARY

Our journey through this past year has paved the way for continued success across the state. As stewards of state tax dollars, our mission is clear — deliver transportation and public works systems that enhance quality of life.

The realization of DOTD's mission lives through the peace of mind for families that comes with safer roadways, and for our farming community that comes from uninhibited waterways for the more than 80 million tons of agricultural products that traverse the Mississippi River each year. The strength of our oil, chemical and gas industries depends on the interconnectivity of our ports, rail, bridge and highway systems.

These vital links only occur through collaboration. From airports to waterways, rail to transit, bridges to roadways, a host of individuals, consultants, contractors, industry supporters, legislators, public officials and state employees team together daily to ensure Louisiana stays connected and moving.

It is no easy task to maintain more than 16,600 miles of roadway as well as support the development of the state's aviation, marine and rail infrastructures. But through this pivotal work, we are able to facilitate economic development, create job opportunities, improve vital evacuation routes, and make critical freight corridors safer and more efficient.

We've experienced the success of powerful allies like the Gary family, who championed the used of cable barriers after the loss of their precious daughter, Grace, in a crossover accident, and Governor Bobby Jindal who pushed through key legislation that lead to fully-funding the \$622 million I-49 extension in north Louisiana.

What we do every day affects lives. This report is intended to be a sample or overview of our accomplishments. With each success commute times get shorter, goods get to businesses more quickly, Louisiana becomes a national player in our country's economy, and our children become safer with more opportunities at their door steps. Thank you for your interest in our state's transportation, and I look forward to your continued support of moving Louisiana forward.

Thanks.

#### Sherri H. LeBas

Secretary of the Louisiana Department of Transportation and Development

## **BUDGET**



	Interagency Transfers	•	\$27 M
	Fees and Self Generated	•	\$63 M
•	State Highway Improvement Fund	•	\$60 M
•	Transportation Trust Fund—Regular	<b>•</b>	\$494 M
	Transportation Trust Fund—Federal	•	\$880 M
	State Ded Other (TTEC/ROW/etc.)	•	\$1 M
	Federal	•	\$25 M
	Unclaimed Property Fund	<b>•</b>	\$7.5 M
	General Obligation Bonds (New P1 & P2 SBC approved CLOC)	<b>&gt;</b>	\$56 M
	TOTAL		\$1.6 B





## **SAFETY**

As part of our commitment to safety, DOTD has been involved in a number of initiatives designed to enhance safety for the traveling public. In addition to the installation of cable barriers, ramp meters, and roundabouts, DOTD has also begun to develop access management tools to reduce the risk of crashes. Safety on Louisiana's roadways continues to be a top priority for DOTD.



This year, DOTD installed new interstate mile markers statewide to enhance safety for the traveling public. The new markers will help drivers and emergency responders better identify their location.

A new Road Safety Assessment (RSA) program was initiated to identify safety enhancements that can be made to roads already scheduled for overlay work. This new approach gathers input from local officials and legislators, local and state police, the Federal Highway Administration (FHWA) and DOTD personnel to determine any existing safety-related needs along a specific route and identify opportunities for low-cost safety enhancements to address those needs.

In October 2011, DOTD received the AASHTO Safety Leadership Award for our overall efforts to improve safety on Louisiana's roadways. The initiatives include the complete streets policy, roadway departure improvements, the Intersection Safety Program, the Local Roads Safety Program, the Road Safety Assessment Program, the Highway Safety Manual Implementation, and for strategic planning and partnerships in conjunction with the Louisiana State Police and Highway Safety Commission.

### SAFETY STATS

- Fatalities on Louisiana's public roads decreased 32%, from 993 fatalities in 2007 to 677 in 2011.
- More than 80 miles of cable barriers have been installed statewide on our interstate system.
- There have been 12% fewer crashes and a 17% improvement in travel times since ramp meter installation on I-12 in Baton Rouge.
- Roundabouts improve the safety of intersections, with a 35% reduction in all crashes.
- Centerline rumble strips have been installed on over 2,100 miles of state highways, estimated to reduce head-on collisions by 15%.
- During FY 11-12, DOTD's Motorist Assistance Patrols provided assistance to nearly 39,000 motorists.

#### **ROUNDABOUT**

In August 2011, DOTD celebrated the opening of the U.S. 171/La. 8/28 roundabout in Leesville. The \$2.1 million project converted the signalized T-intersection of U.S. 171 with La. 8/28 into a two-lane, four-legged modern roundabout. Roundabouts offer a smoother flow of traffic with less stop-and-go traffic than a signalized intersection.

### **CORRIDORS**

#### TWIN SPAN BRIDGE

Hurricane Katrina roared ashore on August 29, 2005, severely damaging the I–10 Twin Span Bridge, two parallel structures spanning Lake Pontchartrain between New Orleans and Slidell. Segments of the bridge were ripped apart, leaving hundreds of 65-footlong concrete slabs in the water and rendering the 5.5-mile structure impassable.

The department broke ground for the new Twin Span Bridge in August 2006, and in September 2011, DOTD marked the completion of the new bridge. The \$733 million replacement bridge, one of the largest public works projects in the state's history, was completed ontime and under-budget. The modern, six-lane structure (three eastbound and three westbound travel lanes) has helped to relieve congestion, improve mobility and enhance safety for the more than 55,000 drivers who make the daily trip across Lake Pontchartrain.

#### **GEAUX WIDER**

Geaux Wider is a multi-year construction initiative intended to increase capacity, improve safety and enhance mobility on nearly 20 miles of the interstate system in the East Baton Rouge and Livingston parishes. Work began in 2009 and includes widening several segments of Interstates 10 and 12 from four to six travel lanes. The cost of the Geaux Wider program to date (five widening projects and the ramp meter installation) is \$315 million.

In December 2011, DOTD broke ground on a \$21.9 million project to widen 3.2 miles of I-12 between Juban Road and the Walker interchange. The project is slated for completion in mid-2013.

In June 2012, DOTD marked the completion of two projects to widen I-12 from O'Neal Lane in Baton Rouge to Juban Road in Denham Springs. The two projects, which totaled \$146 million and widened 5.2 miles of I-12, are improving travel for more than 85,000 drivers who use this area of I-12 every day.



#### **GEAUX WIDER NOLA**

Geaux Wider NOLA is a multi-year construction initiative to widen 1.2 miles of I-10 from six to ten lanes between Clearview Parkway and Veterans Memorial Boulevard. The project will increase capacity, improve safety and enhance mobility on this heavily traveled segment of I-10 in Jefferson Parish. In October 2011, DOTD celebrated the start of construction on this \$42.4 million project, which is expected to be complete in June 2013.







In December 2011, we celebrated the opening of the La. 1 Expressway in Lafourche Parish. A \$137.5 million investment, this 5.4-mile project built a two-lane elevated highway to replace the old roadway. La.1 is the only access route to Port Fourchon, the nation's premier intermodal energy port, and the Louisiana Offshore Oil Port, which is the nation's only offshore oil port.

The project, which totals \$373 million in construction, engineering and right-of-way, was part of an effort to elevate the lowest part of La. 1, which was prone to flooding.

#### **I-20**

In September 2011, DOTD announced the start of a \$3.5 million project to resurface nearly 4 miles of I-20 from Holly Ridge to Dunn in Richland Parish. This work was completed in July 2012. To further improve I-20 through Rayville, DOTD began work in late 2011 to overlay 3.7 miles of I-20 from the Bee Bayou Bridge to Holly Ridge. Work on this \$3 million project began in late 2011 and was completed in October 2012.



#### I-49 NORTH

With the passage of key legislation to bond I-49 funds and dedicating \$73 million in capital outlay during the 2011 legislative session, the estimated \$631 million I-49 North project is fully-funded from the Arkansas line to I-220 in Shreveport. Four of the 11 segments have been completed. Five segments are currently in progress.

#### I-49 SOUTH

In February 2012, DOTD marked the completion of a \$5.4 million I-49 South project that constructed 2.8 miles of frontage roads along U.S. 90 from La. 83 to Darnall Road, and in some areas, converted portions of the existing service roads to frontage roads.

The I-49 South project will ultimately convert U.S. 90 from Lafayette to New Orleans into an interstate-quality roadway.

The total I-49 South corridor includes approximately 160 miles of roadway, of which more than 100 miles have been completed or are under construction. Currently, more than \$193 million in funds has been dedicated to I-49 South.



#### **I-10 LAKE CHARLES**

In June 2011, DOTD began a \$5.7 million project for repairs to the I-10 Calcasieu River Bridge. This project involved cleaning and "spot" painting, sealing deck joints, structural steel repairs, and inspecting and repairing finger joints. Work on the project was completed in September 2012.

#### **I-12**

Work began in October 2011 on a \$10.5 million project to resurface approximately 12.7 miles of I-12 in Tangipahoa Parish from U.S. 51 in Hammond to the St. Tammany Parish line. Work was completed in late November 2012. The project helped to restore the ride quality for the 59,000 drivers using this section of I-12 each day.

#### **I-55**

In November 2011, DOTD marked the completion of a \$31.4 million project to resurface 12.3 miles of I-55 from U.S. 51 in Hammond to La. 40 in Independence. This segment is used by approximately 30,000 drivers each day.

### TIMED PROJECTS

There are 16 projects in the \$4.6 billion Louisiana Transportation Infrastructure Model for Economic Development (TIMED) Program. It is the single largest transportation program in Louisiana history and is designed to enhance economic development and improve evacuation routes and safety through an investment in infrastructure.

#### **HUEY P. LONG**

A \$1.2 billion TIMED project began in November 2009 to widen the four-span Huey P. Long Bridge in Jefferson Parish.

In April 2012, DOTD marked an important milestone in the project with the "Big Switch" or traffic shift to move motorists from the old lanes on the bridge to two new lanes in each direction. The switch brought the department one step closer toward completion of the project, now in its final phase. When completed in 2013, the Huey P. Long Bridge will have three 11-foot lanes in each direction with eight-foot outside and two-foot inside shoulders. The total width will more than double the current 18-foot wide driving surface to 43-feet wide.

#### **AUDUBON BRIDGE**

With a 1,583-foot main span, the new John James Audubon Bridge is one of the longest cable-stayed bridges in the Western Hemisphere, connecting Pointe Coupee and West Feliciana parishes over the Mississippi River. Construction on the \$409 million bridge began in May 2006, and officially came to a close in February 2012.

The structure includes almost 12 miles of new roadways leading up to the bridge, and connects U.S. 61 to La.

1. While the bridge is itself a significant engineering achievement, it is also the first design-build project undertaken by DOTD.



#### **US 61**

In September 2011, DOTD completed the widening of 22.1 miles of U.S. 61 in St. Francisville, at a cost of \$64.8 million. The completion of the final segment of U.S. 61 from St. Francisville to Bains widened 5.4 miles of U.S. 61 to four lanes from just north of Baton Rouge to the Mississippi State line, at a cost of \$29.5 million.

#### U.S. 425 FROM BASTROP TO LOG CABIN

In April 2012, DOTD announced the completion of one of the final projects in the \$936 million U.S. 165/425 TIMED corridor improvement program. The completion of U.S. 425 from Bastrop to Log Cabin project widened 220 miles of U.S. 165/425 to four lanes from Lake Charles to the Arkansas State line.

U.S. 165 becomes U.S. 425 in Bastrop, Louisiana. The \$31.8 million U.S. 425 project widened the highway from two to four lanes. The only remaining work to be done is the \$82.9 million Fort Buhlow Bridge project that is scheduled to complete in 2014.

### SURFACE ROAD NETWORK

#### **QUALITY SURFACE PROGRAM**

This year, DOTD announced a \$150 million investment to repair approximately 360 miles of rural roads across the state.

The investment is part of the Quality Surface Program, an initiative to bond out half of the State Highway Improvement Fund (SHIF), which will generate approximately \$425 million over three years to repair an estimated 1,100 miles of rural roads across Louisiana.

The bonded funds, combined with the SHIF's regular funds, will be used for nearly 80 projects in the first year and allow the state to improve the quality of roadways, many in rural areas that haven't been repaired in over 30 years due to lack of funding.

#### **PATHS TO PROGRESS**

Many roadways in the Greater New Orleans area were damaged during Hurricanes Katrina and Rita, in part from the storm, and in part from their use as major haul routes for post-storm recovery operations.

In April 2012, DOTD announced the new \$90 million Paths to Progress program, which builds upon the progress already made to repair these roadways in Jefferson and Orleans parishes. The program will repair, restore and enhance more than 60 roadways, relying on the coordinated efforts of DOTD, the Federal Highway Administration (FHWA), New Orleans Regional Planning Commission, the City of New Orleans, Jefferson Parish and the City of Kenner, for its success.

# CUSTOMER DRIVEN

To better inform our customers, DOTD has 23 Facebook pages, with more than 2,900 Facebook followers and more than 23,000 Twitter followers to date. Our Customer Service section handled approximately 2,010 emails and nearly 12,000 phone calls during FY 11–12.

To keep Louisiana beautiful, DOTD collected 23,284 cubic yards of litter, mowed 360,000 acres, cleaned 265 miles of ditches and restriped 10,346 miles of roadway. DOTD maintains 16 rest areas, more than 3,000 traffic signals, and more than 1,000,000 traffic signs. During FY 11-12, we conducted 7,061 bridge inspections and 197 dam inspections.

In March 2012, DOTD announced improvements to the Truck Permit Office's online permitting system, enabling customers to purchase annual oversize/overweight permits via credit card. The automated credit card processing system allows customers to receive permits online, which speeds up the permitting process.

To better serve our customers, DOTD opened the first in-lane cash and charge machine in July 2012 at the La. 1 toll road in Lafourche Parish. Since the opening, DOTD has seen an increase in toll collections to well above the national average of 95% and a decrease in violators at the La. 1 Expressway Bridge.

### INTERCONNECTIVITY





#### **PORTS**

The Ports Section averages about 30 active projects at any one time, using funds from the Ports Priority Program. DOTD streamlined the approval process to move dredging projects forward. DOTD worked with the Louisiana Department of Natural Resources (DNR) and the Corps of Engineers to adjust the process so the Ports would only have to submit the economic justification once, which would be a cost and time savings to them and the coordinating agencies.

#### **AVIATION**

The Aviation Section averages over 150 active projects at any one time. During 2011, the Aviation Section received two awards. The Transportation Excellence Award was given for the "Use of Innovative Product or Technology" category for the project at the False River Regional Airport for the LED Taxiway Lighting Test Program. This test program is the only one of its kind in the world at a general aviation airport. The Transportation Excellence Award for the "Intermodal/Public Works Design Project Development" category was received for the New Passenger Terminal project at the Lake Charles Regional Airport.

#### **RAIL STUDY**

The New Orleans Rail Gateway Program is a public-private partnership between the State of Louisiana, the New Orleans Regional Planning Commission, and the Association of American Railroads (AAR) representing the railroads operating in the New Orleans area. The goal of the program is to identify potential future projects throughout the New Orleans metropolitan area that will streamline and improve the flow of freight rail traffic through the city and the region, and improve safety for citizens in the area.

DOTD is currently in the early stages of the environmental study phase, which is anticipated to be completed in early 2014.

#### **TRANSIT**

DOTD provides approximately \$16.6 million in funding each year to support 155 transit agencies and eight Metropolitan Planning Organizations' public transportation efforts. In addition, DOTD operates the LA Swift bus service between Baton Rouge and New Orleans, which has provided over 936,000 passenger trips since it began in October 2005.

In February 2012, DOTD hosted a ceremony to present public transit vans to qualifying community agencies. Seventeen vans were given to twelve agencies across the state through DOTD's Elderly and Disabled Program and the Rural Public Transportation Program. With an investment of \$5.1 million, DOTD was able to provide a total of 133 vehicles over the course of the program during the year.

## **DISTRICTS**

02

- JEFFERSON, LAFOURCHE, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES AND TERREBONNE PARISHES
- \$51.3 MILLION—REPLACEMENT OF CAMINADA BAY BRIDGE ON LA. 1 TO GRAND ISLE IN JEFFERSON PARISH

03

- ACADIA, EVANGELINE, IBERIA, LAFAYETTE, ST. LANDRY, ST. MARTIN, ST. MARY AND VERMILLION PARISHES
- \$2.4 MILLION—RESURFACING OF LA. 182 (LAFAYETTE NORTH TO CARENCRO), AND RESTRIPING OF U.S. 90 AND LA. 182 INTERSECTION IN LAFAYETTE PARISH

04

- BIENVILLE, BOSSIER, CADDO, CLAIBORNE, DESOTO, RED RIVER AND WEBSTER PARISHES
- \$10.2 MILLION—RECONSTRUCTION OF LA. 3276 FROM U.S. 171 TO I-49 IN DESOTO PARISH
- \$4 MILLION—TRAFFIC CAMERA INSTALLATION ALONG 1-20, LA 3132, AND 1-220 IN SHREVEPORT AND BOSSIER CITY
- \$5.4 MILLION REPLACEMENT OF LA. 160 BRIDGE OVER CANEY CREEK AND BODCAU BAYOU IN WEBSTER AND BOSSIER PARISHES

05

- EAST CARROLL, JACKSON, LINCOLN, MADISON, MOREHOUSE, OUACHITA, RICHLAND, UNION AND WEST CARROLL PARISHES
- \$3.2 MILLION—REPLACEMENT OF WELL ROAD BRIDGE OVER I-20 IN OUACHITA PARISH



## 07

- ALLEN, BEAUREGARD, CALCASIEU, CAMERON AND JEFFERSON DAVIS PARISHES
- \$9.1M—RESURFACING OF I-10
   FROM THE PEDESTRIAN OVERPASS
   JUST EAST OF SULPHUR TO LA 108
   IN CALCASIEU PARISH
- \$4.5M—RESURFACING OF LA
   99 FROM LA 380 TO U.S. 90 IN
   JEFFERSON DAVIS PARISH

## **58**

- CALDWELL, CATAHOULA, CONCORDIA, FRANKLIN, LASALLE AND TENSAS PARISHES
- \$1.6M—RESURFACING OF LA 129 FROM LA 907 TO LA 565 IN CONCORDIA PARISH
- \$1.3M—RESURFACING OF LA
   4 FROM JACKSON PARISH
  LINE TO BUCKSKIN RD. IN
   CALDWELL PARISH

## 08

- AVOYELLES, GRANT, NATCHITOCHES, RAPIDES, SABINE, VERNON AND WINN PARISHES
- \$5.5 MILLION—CONCRETE DECK REPLACEMENT OF THE LA. 6/ U.S. 84 GRAND ECORE BRIDGE CROSSING THE RED RIVER IN NATCHITOCHES PARISH

## 61

- ASCENSION, ASSUMPTION, EAST BATON ROUGE, EAST FELICIANA, IBERVILLE, POINTE COUPEE, WEST BATON ROUGE, ST. JAMES AND WEST FELICIANA PARISHES
- \$20.1M—RECONSTRUCTION OF SIX
   BRIDGES ON LA 66 (ANGOLA ROAD)
   BETWEEN U.S. 61 AND THE ANGOLA
   STATE PRISON IN WEST FELICIANA PARISH
- \$2.7M—RESURFACING OF LA 18 FROM LA 20 TO POST OFFICE ROAD (1 MILE NORTH OF LA. 3219) IN ST. JAMES PARISH

## **62**

- LIVINGSTON, ST. HELENA, ST. JOHN, ST. TAMMANY, TANGIPAHOA AND WASHINGTON PARISHES
- \$3.4M—REPLACEMENT OF TICKFAW RIVER BRIDGE ON LA 441 IN LIVINGSTON PARISH



THIS PUBLIC DOCUMENT IS PUBLISHED AT A TOTAL COST OF \$2,940.00. 1,000 COPIES OF THIS PUBLIC DOCUMENT WERE PUBLISHED IN THIS FIRST PRINTING AT A COST OF \$720.00. THE TOTAL COST OF ALL PRINTINGS OF THIS DOCUMENT INCLUDING REPRODUCTION UNIT, 1201 CAPITOL ACCESS ROAD, BATON ROUGE, LA 70804. THIS MATERIAL WAS PRINTED IN ACCORDANCE WITH STANDARDS FOR PRINTING BY STATE AGENCIES ESTABLISHED IN R.S. 43:31.